

WHAT IS CLAIMED IS:

1. A method for providing airspace navigation information, comprising:  
displaying airspace navigation information for an aircraft on a display in a first mode;  
detecting a navigation event; and  
automatically displaying airspace navigation information for the aircraft on the display in the first mode and at least one additional mode, in response to the navigation event.
2. The method claim 1, wherein detecting a navigation event comprises:  
detecting a proximity of the aircraft to a navigation feature.
3. The method of claim 2, wherein detecting a proximity of the aircraft to the navigation feature comprises detecting a proximity to a terrain feature.
4. The method of claim 2, wherein detecting a proximity of the aircraft to the navigation feature comprises detecting a proximity to an area of restricted airspace.
5. The method of claim 2, wherein detecting a navigation event comprises receiving a mode transition signal based on the proximity of the aircraft to the navigation feature.

6. The method of claim 1, wherein detecting a navigation event comprises receiving a mode transition signal based upon a flight parameter of the aircraft.
7. The method of claim 1, wherein detecting a navigation event comprises receiving a mode transition signal in response to a user input.
8. The method of claim 1, wherein detecting a navigation event comprises detecting a proximity to a weather event.
9. The method of claim 1, wherein detecting a navigation event comprises detecting a proximity to at least one additional aircraft.
10. The method of claim 1, wherein displaying airspace navigation information for an aircraft on the display in the first mode comprises displaying airspace navigation information from an overhead perspective.
11. The method of claim 1, wherein automatically displaying airspace navigation for the aircraft on the display in the first mode and at least one additional mode comprises displaying information for a vertical component of airspace navigation.
12. The method of claim 1, further comprising:  
providing at least one indication aid in response to the navigation event.

13. The method of claim 12, wherein providing at least one indication aid comprises providing an audible indication aid.
14. The method of claim 12, wherein providing at least one indication aid comprises providing a visual indication aid.
15. An airspace navigation system comprising:  
a navigation data module to receive navigation data;  
a controller to detect a navigation event based on the navigation data; and  
a display to provide the navigation data in a horizontal mode and a vertical mode, in response to the navigation event.
16. The system of claim 15, wherein the navigation data module receives global positioning system signals.
17. The system of claim 15, wherein the navigation data module receives data indicating weather conditions.
18. The system of claim 15, wherein the navigation data module receives data from an avionics system of an aircraft.
19. The system of claim 15, wherein the navigation data module receives data from a communications system of an aircraft.

20. The system of claim 15, wherein the navigation data module receives data from a computer readable medium.

21. The system of claim 15, wherein the navigation data module receives data from a network.

22. An apparatus for providing airspace navigation information, comprising:  
means for displaying airspace navigation information for an aircraft on a display in a first mode;  
means for detecting a navigation event; and  
means for automatically displaying airspace navigation information for the aircraft on the display in the first mode and at least one additional mode, in response to the navigation event.

23. A computer readable medium capable of configuring a processor to perform a method for providing airspace navigation information, the method comprising:  
displaying airspace navigation information for an aircraft on a display in a first mode;  
detecting a navigation event; and  
automatically displaying airspace navigation information for the aircraft on the display in the first mode and at least one additional mode, in response to the navigation event.